

'Computing czar' resigns; will head key education group

Kenneth M. King is resigning as Cornell University's vice provost for computing to become president of EDUCOM, a national organization that helps coordinate computing and communications development and information exchange among more than 500 colleges and universities.

King, who will assume his new position with EDUCOM Sept. 15, joined Cornell in 1980. During his seven years at the university, the number of public computer terminals on campus increased from 50 to more than 700, the number of personal computers in classrooms, laboratories and dormitories reached into the thousands, the campus was wired for computer communications in an \$18 million effort and Cornell was designated a national supercomputing center.

"I'd love to claim responsibility for all of that, but Cornell has an exceptional group of faculty and administrators who did much to encourage computing development," King said in an interview. "I think computing at Cornell is in excellent shape."

"Ken King has guided the university through a revolution in the use of computers in instruction and research," said Cornell Provost Robert Barker. "Under his leadership, Cornell has emerged as one of the nation's leading centers of computing excellence, both for academic programs and in the cost-effectiveness of administrative computing."

Advances in administrative computing at Cornell, for example, have doubled the speed of many computer transactions and saved the equivalent of 14 hours of staff time daily.

"We shall miss him greatly, but are pleased that he will continue to be available to help advise Cornell and the nation's leading colleges and universities on important computing initiatives as president of EDUCOM," Barker said of King.

Computer networks for scholars

At EDUCOM, which is based in Princeton, N.J., King will oversee fund-raising efforts and advise member institutions about research that would enhance academic computing and communications.

"The next major thrust will be networks that will allow scholars anywhere in the world, using high-performance computers on their desks, to share information with scholars anywhere else in the world, or to obtain information from research instruments such as particle accelerators or space telescopes," King said.

"Plus, we'll need an intuitive, consistent, standard and visually oriented set of commands that researchers can use in any of the computer communications. It will be an enormous effort, but I think we can make significant progress within the next decade."

King, 58, came to Cornell from City University of New York, where he was vice chancellor for that 20-college system's computer, television and research programs. He became what universities across the country were calling a "computer czar," the administrator who coordinated the burgeoning computing efforts of large research institutions.

Three computer revolutions here

As head of Cornell Computer Services, King presided over three computer "revolu-

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Rural sociologist assesses long-term impact of biotechnology

Biotechnology could benefit rural America by providing jobs for rural residents in new plants, but it could also exact social costs by reducing the number of farms and by making obsolete those chemical and pharmaceutical facilities in which many rural residents now work, according to a Cornell rural sociologist.

Professor Frederick H. Buttel of the College of Agriculture and Life Sciences gave this assessment during the keynote address June 30 of a national conference held at Cornell to assess the impact of biotechnology on the floriculture industry. He spoke

on "Biotechnology and its Effect on University, Industry and Society."

Buttel also said that while animal growth hormones could have a relatively rapid impact on agriculture and rural communities, many of the other effects of biotechnology on rural areas will not be felt for another 10 to 20 years.

Biotechnology refers to an array of new tools, including gene-splicing, that are capable of manipulating cells, tissues and genes. Through biotechnology, production of large quantities of drugs and chemicals as well as alteration of the genetic makeup of plants

and animals for increased productivity are becoming a reality.

Marketing is 10 years off

"There has been little growth in the number of biotechnology companies over the past three years, and many industry analysts expect a shakeout and a decline in the number of companies in the next few years. Thus, rural America now receives little direct employment or economic development benefits from the [current] research, development and innovation phase of biotechnology," Buttel said.

The new technology's impact on rural

America could be "most crucial" when marketing and employment expand, he said. "This stage probably will be reached within 10 to 15 years in many pharmaceuticals, somewhat later in specialty chemicals, and 20 years or more in bulk commodity chemicals."

Buttel noted that because biotechnology materials could be produced in any region of the country where there is a modest supply of technical and managerial workers, employment in that industry "could shift toward non-metropolitan areas sooner than

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Agricultural engineers automate the process of the deviled egg

Cornell agricultural engineers have made the world just a little bit nicer: they've invented a manufacturing system to produce that popular-but-labor-intensive delicacy, the deviled egg.

Not only can their machine make standard egg-shaped deviled eggs; it can also make star-shaped eggs, flat-bottomed eggs or eggs of any other shape. What's more, the eggs can be treated to remove cholesterol.

The system is being readied for commercial production by a New York firm specializing in egg products, so consumers in the Northeast soon could be encountering the

"automatic eggs" in selected supermarkets.

The project began when a graduate student, Neal Kreher, and an associate professor of agricultural engineering, Michael Timmons, decided to tackle what is perhaps the only food process not yet automated.

Kreher's goal was to try to develop a product that could help the family business, Kreher's Poultry in Clarence, N.Y., which produces about 400,000 eggs per day.

Another convenience food

They believed that an automatic deviler could significantly aid the egg industry, which currently is suffering from consumer

worries over cholesterol and the two-earner family's lack of time for cooking and eating breakfast.

"People are looking for convenience foods, and even though many like deviled eggs, they don't want to go to the fuss and mess of making them," Kreher said.

"I also admit to something of a bias. I like deviled eggs, too," he added.

With a grant from the New York Department of Agriculture and Markets, Kreher and Timmons developed a system that can process a large number of deviled eggs automatically, with little risk of spoilage and with efficient use of materials.

Commercial deviled eggs are now made by hand, and because most hard-boiled eggs end up with off-center yolks, up to 50 percent of the material is lost, probably to egg salad. Also, hand-made deviled eggs must be preserved, and they become rubbery and tough when stored too long. Thus, the Cornell engineers had to figure out a way to make the perfect deviled egg with no preservatives.

An ingenious solution

Their solution was a system that involves first separating the white and yolk of raw eggs. The yolk is cooked and blended with

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Briefs

■ **Rutz named director of pesticide program:** Donald A. Rutz, an associate professor of veterinary entomology, specializing in research on biological control of insects that attack livestock and poultry, has been appointed director of the Chemicals-Pesticides Program in the College of Agriculture and Life Sciences, effective July 1.

A member of the Cornell faculty since 1981, Rutz has served as extension leader for the Department of Entomology for the past five years.

As director of the Chemicals-Pesticides Program, which has been in place since 1964, Rutz will be responsible for providing pesticide information to Cornell faculty and staff, Cornell Cooperative Extension personnel, farmers, agri-businesses and homeowners. He will review and amend pesticide recommendations made by Cornell to comply with federal and state laws and currently accepted safety practices and environmental considerations and will provide leadership in training pesticide applicators for certification.

In addition, he will serve as a liaison between Cornell and state and federal agencies, the agri-chemical industry and farmers on matters regarding pesticide regulation and use.

■ **Educational Initiatives applications due next month:** The deadline for the next series of applications for the President's Fund for Educational Initiatives is Aug. 31. Grants awarded at this time will be used for activity scheduled to begin in January 1988. The guidelines for submitting proposals have been modified slightly in light of experience in the first round. Questions about the guidelines or about the fund in general should be directed to Vice Provost Larry Palmer.

■ **Isacks named to new professorship:** Professor Bryan L. Isacks has been elected the university's first William and Katherine Snee Professor of Geological Sciences. The new chair was endowed by Katherine Snee and the late William Snee, for whom the recently constructed geological sciences building is named.

Isacks has been a member of the Cornell faculty since 1971, when the Department of Geological Sciences was reorganized as a unit of the College of Engineering as well as the College of Arts and Sciences. A specialist in seismology and tectonics, he was among the scientists who brought to the department expertise in the emerging field of plate tectonics.

Isacks is a fellow of both the American Geophysical Union and the Geological Society of America and is currently chairman of the geophysics Division of the Geological Society of America.

■ **Open forum about Beebe Lake:** The second phase of the restoration of Beebe Lake and its shoreline will be described during a public information session on July 21 at 7 p.m. in Hollis Cornell Auditorium at Goldwin Smith Hall.

Representatives of Clarke & Rapuano, the architectural landscape firm designing the project, will make presentations, along with officials of Cornell Plantations, responsible for the university's natural areas, botanical gardens and arboretum.

The current plan retains the natural character of the shoreline, and includes a picnic area and overlook, and trails for hikers, joggers and pedestrians. The proposed landscaping and development plans are subject to modification after community input.

■ **Levin named at Center for Environmental Research:** Ecologist Simon A. Levin has been named director of Cornell's Center for Environmental Research for five years, effective July 1. He takes the place of Neil Orloff, a professor of environmental engineering, who is on a one-year sabbatical.

The center coordinates environment-related programs at the university, including the Ecosystems Research Center, the Environmental Law and Policy Program, the Water Resources Research Institute and the Cornell Laboratory for Environmental Applications of Remote Sensing.

Levin has served since 1980 as director of the Ecosystems Research Center and will continue in that post until fall 1987. He is the Charles A. Alexander Professor of Biological Sciences and is a professor of applied mathematics and of ecology. A specialist in population and community biology and in the applications of mathematics to biology, he was chairman of the Section of Ecology and Systematics from 1974 to 1979.

He also is managing editor of the Journal of Mathematical Biology and of the series Biomathematics and Lecture Notes in Biomathematics. He is a member of the Commission on Life Sciences and the Board on Basic Biology of the National Research Council, the Health and Environmental Research Advisory Committee of the U.S. Department of Energy, and the Board of Directors of the Hudson River Foundation.

■ **Life insurance contributions:** Reduced life insurance contributions will continue through exempt checks of Sept. 10 and non-exempt checks of Sept. 17. For further information, contact the Benefits Office, 255-6884.

■ **4-H alumni to hold reunion:** Monroe County 4-H wants to honor 4-H alumni at their 4-H Youth Fair on July 26 beginning at 3:30 p.m. at the Genesee Country Museum in Mumfords, N.Y. Anyone who has been involved with 4-H is invited to this alumni reunion. The 4-H program is the youth component of Cornell Cooperative Extension.

■ **Visiting scholars would like to visit American homes:** The Japanese Section is looking for local families who would like to welcome a Japanese scholar into their homes for a weekend, in order to acquaint them with American home life. This proposed home-stay, which is being arranged as part of Cornell's Special English for Japanese Scholars Program, would be for the weekend of Aug. 1-2.

No special arrangements need be made; the scholars are simply interested in participating in American home life and practicing their English. Please call Susan Rogers at 255-0736 or 255-6457 weekdays between 8 a.m. and 4:30 p.m.

■ **Forest Home Drive's reconstruction resumes:** Forest Home Drive reconstruction from Martha Van Rensselaer Hall to East Avenue began July 1. This section of the drive probably will be closed until mid-August. Motorists and parkers who need access to the parking lots at Tobagon Lodge and the MVR complex should approach these lots from the east end of the drive.

A new roadway will be laid, along with curbing, guard rails and drainage improvements. A new walkway will be established along the northside of the roadway from East Avenue to the Tobagon Lodge area and connect with the jogging and nature trails alongside Beebe Lake.

Notable

Stephen E. Schneider has been named the 1987 recipient of the Robert J. Trumpler Award of the Astronomical Society of the Pacific. He was cited for his Ph.D. thesis on work he conducted as one of a team of astronomers at Cornell that discovered a galaxy-sized cloud of hydrogen gas 30 million light-years from Earth in 1983.

It was the first time a heavenly object of such mass had been found with no visible stars. The discovery has triggered a search for more of the "invisible matter" or "missing matter" in the universe that astronomers theorize must be there to account for the gravitational forces evident in the movement of the billions of galaxies they estimate exist.

Schneider, who now is a research associate at the University of Virginia, received his doctorate from Cornell in 1986 under the supervision of astronomers Yervant Terzian and Edwin E. Salpeter. The fourth member of the team, George Helou, was a research associate at Cornell's Center for Radiophysics and Space Research.

Schneider will receive the Trumpler Award at the ASP's 99th annual meeting July 14-16 at Pomona College near Los Angeles. Schneider will give a paper on his studies of intergalactic gas during the meeting of the international group, which is the oldest of its kind in this country. Its membership includes astronomers from more than 70 nations.

Tor Hagfors, professor of electrical engineering and astronomy and director of Cornell's National Astronomy and Ionosphere Center, which operates the world's largest radio-radar telescope at Arecibo, Puerto Rico, has been named the 1987 recipient of the International Union of Radio Science's 1987 van der Pol Gold Medal.

Hagfors will receive the medal during the IURS's general assembly Aug. 25 in Tel Aviv.

He is being cited for "his major contributions to radar engineering" and for his work as director of some of the world's largest facilities used for exploring the upper atmosphere, the solar system and deep outer space by gathering radar and radio signals.

The Arecibo facility, which is operated with funding from the National Science Foundation, is undergoing major improvements under Hagfors' direction.

Hagfors, 56, was born in Oslo, Norway, where he earned a Ph.D. in 1959 at the University of Oslo. Before assuming his current position at Cornell, he served as director of the European Incoherent Scatter Observatory (EISCAT) in Sweden from 1975 to 1982, the Arecibo Observatory from 1971 to 1973 and the Jicamarca Radio Observatory in Peru from 1967 to 1969. He also has been a researcher at Stanford University and the Massachusetts Institute of Technology and was a professor of electrical engineering at the University of Trondheim in Norway before returning to Cornell.

James S. Noblitt, professor of linguistics, has been chosen as one of five university educators for IBM's Consulting Scholar Program. The five, who were chosen as recognized leaders in the use of computers in their disciplines, will take a year off from the classroom to share their insights into the use of computers in higher education with IBM. They will travel to campuses around the country, making their expertise available to their colleagues and discussing with them strategies for academic computing within their disciplines.

Noblitt, who joined the department of modern languages and linguistics in 1967 and became a professor in 1979, attended the Sorbonne as a Fulbright Scholar in French literature and received a Ph.D. in French linguistics from Harvard University. He began investigating techniques for programmed instruction 20 years ago while a research linguist at the Center for Applied Linguistics.

John R. Brake, the W.I. Myers Professor of Agricultural Finance in the Department of Agricultural Economics, has been appointed to the National Commission on Agricultural Finance. The commission will study methods to ensure the availability of adequate credit to agricultural producers and agribusiness, taking into account the long-term financing needs of the agricultural economy including the roles of various agricultural lenders.

The 12-member commission was appointed by the president, the Speaker of the House, and the former majority leader of the Senate. Brake, who was appointed by the Speaker, is the only member from the Northeast as well as the only academic on the commission. Other members include farmers and ranchers, bankers, present and former Cooperative Farm Credit System officials, a former congressman, and a former undersecretary of agriculture.

The commission held its first meeting in Washington, D.C. in May. Plans call for completion of the study and a report to Congress with recommendations next year.

Martin O. Harwit, professor of astronomy and co-director of the History and Philosophy of Science and Technology Program, has been appointed director of the Smithsonian Institution's National Air

and Space Museum in Washington, D.C., effective Aug. 17.

The museum, which opened in 1976, is one of the most visited museums in the world. It has 23 exhibit areas housing artifacts from the Wright brothers' original 1903 Flyer to the Apollo 11 command module.

Harwit has been affiliated with Cornell since 1962. He was chairman of the Astronomy Department from 1971-1976.

His research interests include observational astronomy, theoretical astrophysics and the history of astronomy and astrophysics. In the 1960s, he established research groups at the Naval Research Laboratory in Washington, D.C., and at Cornell that built the first rocket-borne telescopes cooled to liquid helium temperatures. In the mid-1970s, he began studying the history of astronomy and space science as it relates to public policy issues. One result was "Cosmic Discovery," a publication that has been translated into several languages and is used as an aid to formulating space policy both in the United States and abroad.

In 1983, Harwit was appointed to the Chair in Space History at the National Air and Space Museum for a six-month term. Since then, he has served as chairman of the National Aeronautics and Space Administration's Astrophysics Management Working Group.

He is also a member of NASA's Space and Earth Science Advisory Committee, the American Physical Society and the American Institute of Physics and an external member of the Max Planck Institute for Radioastronomy in Bonn, West Germany.

Daniel H. Usner, assistant professor of American history in the College of Arts and Sciences, has been awarded a fellowship for postdoctoral research from the American Council of Learned Societies.

Usner's project, one of 67 chosen from nearly 840 applicants, is about social and economic change among American Indians in the Old Southwest 1783-1825.

Fellowships given by the Learned Societies Council, a non-profit federation of 45 scholarly associations devoted to humanistic studies, were made possible by grants from the Andrew W. Mellon Foundation, the Ford Foundation, the Glenmede Trust (Pew Foundation) and the National Endowment for the Humanities.

Cornell CHRONICLE

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'Are the berries in season?'

Fresh, luscious strawberries may become available throughout the growing season in the northern United States instead of just the month of June, thanks to a new type of strawberry developed by the U.S. Department of Agriculture and now being tested by Cornell researchers.

Tribute and Tristar berries will be picked all summer long and well into the fall because "day-neutral strawberries," as they are called, continue fruiting from June through October.

Although the new strawberries are smaller than the standard variety, they are sweeter and their yield per plant is much higher, researchers have found.

Marvin P. Pritts, an assistant professor who specializes in small fruit production in the College of Agriculture and Life Sciences, has tested day-neutral strawberries for the past three years and has found they grow particularly well in New York and New England and should do well in midwestern states such as Michigan, Wisconsin and Minnesota. They do not do well in New Jersey, Delaware and Maryland, because the summer is too warm in those areas.

Plants flower all season

Common June-bearing strawberries in the East are sensitive to warm temperatures and longer days. They develop flower buds once during autumn when days are short and temperatures cool. During the winter, the strawberry plants, like most trees and shrubs, remain in dormancy. In spring, they send out flowers once, and yield no more fruit after June.

The new strawberry varieties are insensitive to day length and send out flowers all season long, resulting in continuous fruiting, Pritts explained.

This unusual trait was discovered by a California scientist among wild strawberries in the high Wasatch Mountains of Utah. The discovery eventually led to day-neutral varieties grown in California, where the strawberry season now runs from mid-February through June.

The California varieties do not perform well in the East because they lack, among other traits, winter hardiness, vigor and resistance to some of the debilitating strawberry diseases, according to Pritts. "The flavor was not that all great, either," he commented.

Subsequently, USDA scientists Gene Galletta and Arlen Draper developed two new day-neutral varieties for use in the East.

Flowers must be removed

June-bearing strawberries flower once after planting in early spring, and they must have their flowers removed during the first year to get maximum yields the second year, according to Pritts. Otherwise, the plant will put most of its energy into fruiting rather than into vegetative growth, resulting in reduced yields in following years.

Day-neutral strawberries flower continuously. Therefore, it was crucial to find out when to remove the flowers during the first season to maximize long-term yields in later seasons.

Frost presents another problem. In the Northeast, killing frost generally occurs in late September and could damage flowers, but the fruit that already has formed would continue to ripen until the end of October, Pritts said.

"It takes about three hard frosts to put the day-neutral plants out of action," he noted.

Day-neutral strawberries require more intensive management practices than regular ones, Pritts said. To cultivate the new plants successfully, growers must remove flowers or runners, or both, during the first year, plant closer within rows, fertilize monthly, and carefully control diseases and pesky weeds as well as insects.



Claude Levett

STRAWBERRIES FROM JUNE TO OCTOBER: Day-neutral strawberry varieties produce berries all season long because, unlike traditional June-bearing plants, they send out flowers continually

Based on the results of his work thus far, Pritts is confident that commercial production of day-neutral strawberries makes economic sense in terms of profitability to growers.

One quart of strawberries retails for \$1.50 during June, but the price could rise to as much as \$4 to \$6 a quart in August, September and October, he noted.

— Yong H. Kim

The rise and fall of the miniskirt: an economic indicator

The miniskirt is back, but this time with a touch more sophistication and refinement than the thigh-high hemlines of 20 years ago, says fashion observer Alison Lurie.

A mere six years ago, Lurie ripped the miniskirts and lacy, baby-doll dresses of the 1960s for making "grown women look like toddlers with a glandular affliction, or like severely retarded nubile-teenagers." From

the perspective of 1981, the Sixties' skimpy skirts seemed "ridiculous rather than seductive," she suggested in her book, "The Language of Clothes."

But the miniskirts of the late 1980s are often more formal than their plastic, paper and lace ancestors, and may be an expression of women's confidence at work and their faith that the economy will remain strong, according to Lurie, a Pulitzer Prize-winning novelist and a professor of English.

"When things are good economically, skirts tend to go up. If we're happy and carefree, we begin to act and dress like children,"

— Alison Lurie

"When things are good economically, skirts tend to go up. If we're happy and carefree, we begin to act and dress like children," Lurie said in an interview. "The miniskirt is part of this general phenomenon. When we were young, we wore very short skirts; small children still do."

"But there's an age beyond which you have to be in absolutely wonderful shape to wear a miniskirt, maybe 40," she added.

According to Lurie, whose novels include "Foreign Affairs" and "The War Between the Tates," clothing, hairstyles, jewelry and makeup convey information about a person's age, class and opinions. In the 1960s, the miniskirt was part of the sexual revolution's message of freedom for women.

Confidence shortens skirts

In the two decades since then, more and more women have been entering the work force, especially the professions, where they at first were encouraged to wear gray flannel suits that mirrored men's apparel, with calf-length skirts substituted for trousers.

"In the beginning, it was said that men wouldn't be able to concentrate on their work if they had beautiful chicks running around in brightly colored clothes," Lurie said. "Women had to scrape their hair back into buns and wear dark, depressing clothes that hid the figure."

"Those clothes were boring," she added. "Women are not used to wearing the same thing every day the way men are; they couldn't put up with it. Now that they are more confident in their jobs, they can kick up their heels a little and stop wearing such a dreary costume."

Lurie credited the return of the miniskirt to consumer demand, not designer contrivance. So far, miniskirts seem more popular away from work than at the office, she pointed out, warning that skirts too high on the thigh at work can be so overtly sexy as to interfere with job performance.

"The entire history of female fashion from 1910 to the present can be viewed as a series of more or less successful campaigns to force, flatter or bribe women back into uncomfortable and awkward styles . . . in order to handicap them in professional competition with men," Lurie wrote in 1981. "The embarrassingly short dresses of the Twenties and the Sixties . . . have aided this war effort."

Favors novelty and variety

Lurie called on men to deviate from the typical drab business suit in their professional attire, and expressed uncertainty about how the screeching halt to the sexual revolution brought about by AIDS will be reflected in fashion.

As for the theory that clothing will become more exhibitionist as sexual promiscuity decreases, Lurie said: "That's pretty pathetic to think about it, isn't it, that we would just have display and nobody would do anything."

"I'm in favor of all kinds of change, excitement and experimentation in clothing," Lurie added. "I don't think there's any

'should' in fashion. All I really want to see is novelty and variety."

"There was a period when I feared that women would become like men, wearing drab, unchanging clothes — a sort of uniform — during working hours."

"That's hard on anyone with a sense of color and style."

— Mark Eyerly

Three NEH seminars given here this summer

Twelve college and 15 secondary school teachers from throughout the United States are studying with Cornell faculty this summer in three seminars sponsored by the National Endowment for the Humanities.

The six-week seminars in literature, art and Romance Studies are designed to give the teachers an opportunity to study with leading scholars and conduct research at outstanding libraries to gain a better understanding of the subjects they teach.

The three seminars at Cornell, which began on June 29, are among 51 being conducted at various colleges and universities around the nation under NEH sponsorship.

The Cornell seminars and faculty are:

- Daniel R. Schwarz, professor of English, on "James Joyce's Ulysses," a seminar he introduced in 1985.

- John W. Kronick, professor of Romance Studies, on "The Self-Conscious Narrative in the Hispanic World," a seminar similar to one he conducted in 1983. This is the only seminar offered during 1987 in the Hispanic area.

- Robert G. Calkins, professor of the history of art, on "The Gothic Cathedral as a Mirror of Medieval Culture," a seminar that will be offered in Paris.

NEH chooses the seminar faculty and they, in turn, select the participants.



Claude Levett

SOPHISTICATED LADY: Miniskirts are back, but they are not made of plastic, paper and lace as they were in the 1960s. The new look is often more formal and refined.

CALENDAR

All items for the calendar should be submitted (typewritten, double spaced) by campus mail, U.S. mail or in person to Chronicle Calendar, Cornell News Service, Village Green, 840 Hanshaw Road.

Notices must be received 10 days prior to publication and must include the name and telephone number of a person who can be called if there are questions.

Notices should also include the sub-heading of the calendar in which the item should appear.

DANCE

Cornell Summer Session

Indonesian Dance, performed by Sal M. Murgiyanto, visiting lecturer in theater arts, and Endang Nrangwesti Murgiyanto, July 10, 8:15 p.m., Barnes Hall Auditorium.

Cornell Folkdancers

The Cornell Folkdancers will meet every Sunday, 7 - 9:30 p.m. in the North Room of Willard Straight Hall during July and August. Call 257-3156 for more information.

EXHIBITS

Johnson Art Museum

The Herbert F. Johnson Museum of Art, on the corner of University and Central avenues, is open Tuesday through Sunday from 10 a.m. to 5 p.m. Admission is free. Call 255-6464 for further information.

Gallery Reopened: The George and Mary Rockwell Galleries of Asian Art on the fifth floor are now open to the public with the exceptions of a few galleries that are still being renovated.

Harry McCue: Journeys: Drawings inspired by the artist's journeys through the landscape in which he has lived or visited will be displayed through Aug. 30. McCue is chairman of the Department of Art at Ithaca College.

Eye Openers: A three-part workshop exploring various aspects of landscape drawing, designed to introduce different age groups to the exhibition, "Journeys." For adults: July 21, 23 and 25, 1-4 p.m.; For children 7-9 years old: July 21, 22 and 23, 10 a.m. to noon; For children 10-12 years old: July 28, 29 and 30, 10 a.m. to noon. For further information contact the Education Department of the Johnson Museum of Art at 255-6464.

Outside Art: The work of 20 American and European artists selected from the Rosa Esman Gallery in New York City who work outside the "norms" of the art world will be displayed July 18 - Sept. 13.

Guatemalan Textiles: Created by the highland Mayas of Guatemala over the past 50 years, these brightly colored, intricately patterned textiles are based on a tradition that has existed since pre-Columbian times. The textiles will be on display through Aug. 30.

Whittaker Seminar Room

Botanical drawings and watercolors, by Carl Whittaker, in the R.H. Whittaker Seminar Room, Corson Hall, Monday through Thursday 8 a.m.-4:30 p.m.; Fridays 8 a.m.-4 p.m.

FILMS

Unless otherwise noted, films are sponsored by Cornell Cinema. An (*) indicates that admission is charged. "Limited" means that the film is limited to members of the Cornell community.

Friday, 7/10

"Hail Mary" (1985), directed by Jean-Luc Godard, with Myriem Roussel, and Thierry Rode, 9:45 p.m., Uris Hall.*

"Beverly Hills Cop" (1984), directed by Martin Brest, with Eddie Murphy, Judge Reinhold and Lisa Eilbacher, 7:30 p.m., Uris Hall, limited.*

"When Father Goes Away on Business" (1985), directed by Emir Kusturica, with Moreno D'E Bartoli, Miki Manojlovic and Mirjana Karanovic, 9 p.m., Anabel Taylor Hall.*

Saturday, 7/11

"Vertigo" (1958), directed by Alfred Hitchcock, with James Stewart and Kim Novak, 9 p.m., Anabel Taylor Hall, limited.*

"Hail Mary," 8 p.m., Uris Hall.*

"Beverly Hills Cop," 10:15 p.m., Uris Hall, limited.*

Sunday, 7/12

"The Man with the Silk Hat" (1983), directed by Maud Linder, with Max Linder, 9 p.m., Anabel Taylor Hall.

"Vertigo," 8 p.m., Uris Hall, limited.*

Monday, 7/13

"Les Bons Debarres (Good Riddance)" (1980), directed by Francis Mankiewicz, with Charlotte Laurier, Marie Tifo and Germain Houde, 8 p.m., Uris Hall.*

Tuesday, 7/14

"The Bad Seed" (1956), directed by Mervyn LeRoy, with Nancy Kelly, Patty McCormack and Henry Jones, 8 p.m., Uris Hall, limited.*

Wednesday, 7/15

"Stranger than Paradise" (1984), directed by Jim Jarmusch, with John Lurie, Ester Balint and Richard Edson, 8 p.m., Uris Hall.*

Thursday, 7/16

"Knife in the Water" (1964), directed by Roman Polanski, with Leon Niemczyk and Jolanta Umecka, 8 p.m., Uris Hall.*

Friday, 7/17

"Desperately Seeking Susan" (1985), directed by Susan Seidelman, with Rosanna Arquette, Madonna and Aidan Quinn, 7:30 p.m., Uris Hall, limited.*

"A Room with a View" (1986), directed by James Ivory, with Maggie Smith, Helen Bonham Carter and Denholm Elliot, 9:45 p.m., Uris Hall.*

"Memories of Underdevelopment" (1962), directed by Tomas Gutierrez Alea, with Sergio Corrieri, 9 p.m., Anabel Taylor Hall.*

Saturday, 7/18

"The Brother From Another Planet" (1984), directed by John Sayles, with Joe Morton, John Sayles and David Strathairn, 9 p.m., Anabel Taylor Hall.*

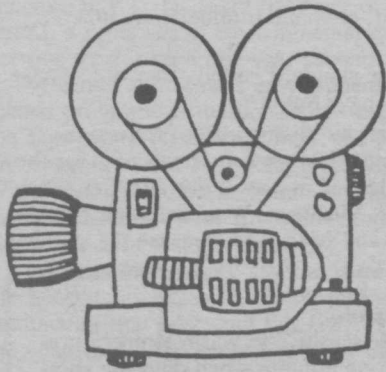
"Desperately Seeking Susan," 10:30 p.m., Uris Hall, limited.*

"A Room with A View," 8 p.m., Uris Hall.*

Sunday, 7/19

"Bed and Sofa" (1926) with live accompaniment by David Borden, directed by Abram Room, with Ludmilla Semyonova and Nikolai Batalov; and "Chess Fever" (1925) directed by Vsevolod Pudovkin, with Vladimir Fogel, Anna Zemtzova and Jose Capablanca, 9 p.m., Anabel Taylor Hall.

"The Brother from Another Planet," 8 p.m., Uris Hall.*



Monday, 7/20

"Mozart: A Childhood Chronicle" (1976), directed by Klaus Kirschner, with Diego Crovetto, Santiago Ziesmer and Marianne Lowitz, 8 p.m., Uris Hall.*

Tuesday, 7/21

"Importance of Being Earnest" (1952), directed by Anthony Asquith, with Michael Redgrave and Joan Greenwood, 8 p.m., Uris Hall.*

Wednesday, 7/22

"Baby It's You" (1983), directed by John Sayles, with Rosanna Arquette and Vincent Spano, 8 p.m., Uris Hall, limited.*

Cornell Summer Session

"Foxfire and the Community Conscience of High School Students," B. Eliot Wigginton, president of the board of directors for The Foxfire Fund, Inc., July 15, 8:15 p.m., Bailey Hall.

"Overconsumption in America: Beyond Thorstein Veblen," Eugene J. McCarthy, former U.S. senator and author of "Up 'Til Now: A Memoir," July 22, at 8:15 p.m., Bailey Hall.

"Update your Medical Knowledge," featuring faculty from the Cornell University Medical College who will discuss contemporary health problems during a week-long series, July 13-17 at 245 Warren Hall. To register or for further information, call Programs in Professional Education at 255-7259.

"The Osteoporosis Menace (the Victim and the Defense)," Dr. Lila A. Wallis, program director, clinical professor of medicine, 1:30 p.m. and "Chemical Basis of Pleasure," Dr. John J. Mann, associate professor of psychiatry, 2:10 p.m., July 13.

"Exercise and Nutrition in Prevention of Heart Disease," Dr. Stephen S. Scheidy, program co-director, professor of clinical medicine, 1:30 p.m. and "Impotence," Dr. Darracoot Vaughan, James J. Colt, professor of surgery and urology, 2:10 p.m., July 14.

"New Technology in Diagnosis: Costs, Benefits, Side Effects," Dr. Joseph P. Whalen, professor and chairman, department of radiology, 1:30 p.m. and "Advice to the Traveler," Dr. Barry J. Hartman, assistant professor of medicine, 2:10 p.m., July 15.

"Asthma," Dr. Daniel M. Libby, clinical associate professor of medicine, 1:30 p.m. and "Coping with Diarrhea and Constipation," Dr. Rochwarger, clinical assistant professor of medicine, 2:10 p.m., July 16.

"High Blood Pressure Today," Dr. David B. Case, clinical associate professor of medicine, 1:30 p.m. and "Not All Joint Pains Are Arthritis," Dr. Joseph A. Markenson, associate professor of clinical medicine, 2:10 p.m., July 17.

MUSIC

Willard Straight Hall

David Slattery, guitar and piano, July 10, 5-7 p.m., on the Terrace in Willard Straight Hall.

Steve Geffner, mellow folk and rock, July 17, 5-7 p.m., on the Terrace in Willard Straight Hall.

Bound for Glory

Kim Wallach, July 12; **The Dady Brothers**, July 19, three sets — 8:30, 9:30 and 10:30 p.m. — Commons Coffeehouse, Anabel Taylor Hall.

Cornell Summer Session

The Cayuga Dukes, Dixieland music, July 9, 7 p.m., Arts Quad.

David Borden and the New Mother Mal-lard Band, synthesizer ensemble, July 13, 8:15 p.m., Barnes Hall Auditorium.

Spectrum, contemporary music, July 14, 7 p.m., Arts Quad.

Fe Nunn, popular jazz, July 16, 7 p.m., Arts Quad

Donald R. M. Paterson, organ, July 20, 8:15 p.m., in Sage Chapel.

Cranberry Lake Jug Band with the Heart and Sole Cloggers, July 21, 7 p.m., Arts Quad.

The Hangar Theatre Company, will perform a musical revue, "A Hangar Cabaret," July 23 and 24, 8:30 p.m., Barnes Hall Auditorium.

Festival of Traditional Jazz, featuring Charlie Mussen's "I Love Jazz" Band, The North Country Preservation Jazz Band, Peggy Haine and the Lowdown Alligator Jass Band, The 'B' Side and the Ithaca Jazz Ensemble, July 25, noon to 6 p.m., Arts Quad.

RELIGION

Catholic

Mass: Sunday at 10 a.m., Anabel Taylor Auditorium.

Episcopal (Anglican)

Every Sunday, 9:30 a.m., Anabel Taylor Chapel.

Friends (Quakers)

Summer meetings for worship, 10:30 a.m., Hector Meeting House, Perry City Road.

Jewish

Morning Minyan: Young Israel House, 106 West Avenue. Call 272-5810.

Conservative/Egalitarian Services: Friday 5:30 p.m., Saturday 9:45 a.m., Anabel Taylor Founders Room.

Orthodox Shabbat Services: Friday evenings, Young Israel House, 106 West Avenue. Call 272-5810. Saturday, 9:15 a.m., Anabel Taylor Edwards Room.

Korean Church

Every Sunday, 3 p.m. Anabel Taylor Chapel.

Muslim

Sunday through Thursday, 1 p.m., 218 Anabel Taylor Hall. Friday 1 p.m. Anabel Taylor Edwards Room.

Sunday, July 5, "The Good Samaritan," W. Jack Lewis, director emeritus, Cornell United Religious Work, 11 a.m., Sage Chapel.



SEMINARS

Cornell Summer Session

"Hispanic Americans: Past Contributions and Future Prospects," Vernon M. Briggs, Jr., professor of labor economics, July 9, noon, 213 Ives Hall.

"Praying for Justice: Exploring Americans' Attitudes Toward Law and Social Harmony," Carol J. Greenhouse, associate professor of anthropology, July 16, noon, 213 Ives Hall.

"Inventing the Good Life: The Consumer Revolution in Jacksonian America," Stuart M. Blumin, professor of history, July 23, noon, 213 Ives Hall.

THEATRE

Cornell Summer Session

The Company Theatre will perform "Wilma & Ethel," an original play by Stuart Scadron-Wattles, July 11, 8:15 p.m., Barnes Hall Auditorium.

The Savoyards, will present "An Evening of Gilbert and Sullivan," July 17, 8:15 p.m., Barnes Hall Auditorium.

Cornell Summer Session events continue with performances by a diversified collection of artists. Cranberry Lake Jugband (upper left) will provide foot-stompin' music on July 21 at 7 p.m. on the Arts Quad. Organist Donald Paterson (upper right) will be the featured performer on July 20 at 8:15 p.m. in Sage Chapel. Indonesian dancers Sal M. Murgiyanto and Endang Nrangwesti Murgiyanto (top center) will perform on July 10 at 8:15 p.m. at Barnes Hall Auditorium. Ithaca's ever-popular Savoyards will sing 'An Evening of Gilbert & Sullivan' on July 17 and 18 at 8:15 p.m. in Barnes Hall Auditorium.



MISC

Christian Science Monitor Resource Files

Files containing up-to-the-minute newspaper articles on more than a hundred topics available, July 14 and 15, 10 a.m. - 4 p.m., Willard Straight Hall Lobby.

Garden Tours

Robison York Herb Garden, a garden tour conducted by Raylene Gardner, Plantations education coordinator, July 22, noon, at the Plantations headquarters building.

Willard Straight Rock Garden, a tour given by Robert G. Mower, professor of floriculture and ornamental horticulture, July 15, noon. The garden is located between Willard Straight Hall and Gannett Health Center.

Great Books

Great Books, a discussion of literature led by Jonathan B. Monroe, assistant professor of comparative literature, July 14 and 21, 11:30 a.m., 204 Uris Hall. Thomas Pynchon's "The Crying of Lot 49" will be discussed.

Sierra Club

The next meeting of the Finger Lakes Group of the Sierra Club will be on July 15, 7:30 p.m., 18 Asbury Drive, Lansing. In addition to discussion of environmental topics of current and local interest, there will be a showing of a videotape on the Arctic National Wildlife Refuge in Alaska, and the proposal before Congress to drill there for oil. For further information, call Rob Axtmann at 539-7615 or 539-7000.

Alternatives Library

Located in 122 Anabel Taylor Hall, this library contains more than 5,000 books, 180 periodicals and 350 tapes and slide shows on topics of individual, social and ecological transformations. Areas include eco-justice, holistic health, Native Americans, sustainable agriculture, appropriate technology, gay issues, political and economic analysis, and spirituality and mysticism.

CUSLAR

Committee on U.S./Latin American Relations meets at 5 p.m. on Mondays in the Commons Coffee House. For more information call 255-7293.

Fuertes Observatory

Fuertes Observatory, located on the hill behind Helen Newman Hall, will be open to the public every clear Friday night this spring from 8 p.m. until midnight. Call the observatory at 255-3557 after 8 p.m. on clear Fridays for more information.

Job Opportunities

July 9, 1987
Number 25
University Personnel Services
Cornell University
160 Day Hall
Ithaca, New York 14853-2801

In compliance with the Immigration Reform and Control Act of 1986, Cornell University is now required to check the identity and employment eligibility of all new hires.

Effective June 1, 1987, if you accept a position, you must show documents on or before your first day of work, that indicate your identity and employment eligibility; for example, a state issued driver's license and a birth certificate. For more information, contact Staffing Services, 255-5226.

-Employment and employee transfer applications forms are available at both Staffing Services locations-160 Day Hall and East Hill Plaza.

-Requests for referral and/or cover letters are not accepted unless specified in the ad.

-Cornell University is an Affirmative Action/Equal Opportunity Employer.

-This listing is also available on CUINFO, Cornell's computerized info service.

Administrative and Professional

Minimum salaries listed are for recruitment purposes only.

MECHANICAL ENGINEER (PA2506) Facilities Engineering

Design, prepare cost estimates, drawings, specifications & construction documents for maintenance, repair & alteration projects relating to mechanical systems.

Req.: BS Mech. Engr., prof. lic. desir. 3-5 yrs. exp. as mech. engr. pref. in large org. Send cover letter & resume to Cynthia Smithbower by 7/20.

FARM MANAGER I (PT2507) Animal Science

Manage Mt. Pleasant Sheep Unit. Including all aspects of farm mgmt., i.e. feed production or procurement, animal care & mgmt., marketing, data collection & college representative in presenting farm unit to public.

Req.: BS in Agriculture or equiv. 2-3 yrs. exp. managing sheep in highly productive mgmt. systems. Exc. comm., interper. & supv. skills. Send cover letter & resume to Judi Pulkinen by 7/17.

EXECUTIVE STAFF ASSISTANT II (PC2503) COMEPP

Assist Dir. in mgmt. of COMEPP & CPA (Cornell Programmable Automation). Perform, implement & assist supervision of financial, org. & sec. functions for unit.

Req.: BA/BS or equiv. Min. 3-5 yrs. exp. with office, personnel, budgeting, & publication procedures. Must be able to deal with computer systems. Good org. & interper. skills. Send cover letter & resume to Esther Smith by 7/17.

EXECUTIVE STAFF ASSISTANT I (PC2512) Graduate School

Produce all publications of Graduate School; compile academic stats. for internal & external use; respond to surveys & questionnaires; requires constant coordination of flow of appropriate & accurate information between grad. fields, Grad. school & other CU offices, as well as outside institutions.

Req.: BA or equiv. Exc. comm. skills (particularly written). Exp. with design & editing of publications. Facility with statistical compilation, attention to detail & accuracy. Familiar with use of interactive computer terminal for data access & retrieval. Report generation & knowl. of WP would be helpful. Send cover letter & resume to Esther Smith by 7/17.

SENIOR PERSONNEL ASSOCIATE (PA2510) Olin Library Admin. Operations

Responsible for personnel mgmt. for endowed & statutory library units (recruiting, selection, staff development, employee relations, personnel records management, wage & salary admin., payroll, etc.), establish personnel practices & procedures, interpret univ. personnel policies & regulations & serve as Libraries' affirmative action officer.

Req.: BA/BS in appropriate field or equiv. exp. Considerable work exp. of successfully increasing responsibility in personnel mgmt. or related field. Knowl. of library operations desir. Send cover letter & resume to Cynthia Smithbower by 7/24.

ASSOC. DIR. OF ADMISSIONS (PA2509) Undergraduate Admissions

Plan, direct & coordinate recruitment activity in major market area & serve as athletic liaison for admissions. Duties incl. coordination of recruitment & selection of student athletes; formulation & implementation of recruitment strategies; & mgmt. of alumni volunteer network.

Req.: BA/BS degree. 4 yrs. exp. in admissions or related field. Send cover letter & resume to Cynthia Smithbower by 7/25.

ASSISTANT TO SR. VICE PRESIDENT (P2411) Senior Vice President

Provide extensive staff assistance to the Sr. Vice President; research & prepare complex materials on highly sensitive topics, represent the Sr. Vice Pres. at meetings, formulate University procedures for executive review. Act as liaison to state, federal government & private industry. Initiate issue identification, analysis, & prepare appropriate recommendations.

Req.: BA/BS with a broad range of business exp. req. MS/MA pref. Excellent oral & written communication skills essential. Working knowledge of Cornell University highly desir. PC/Lotus 1-2-3 skills preferred. Send cover letter & resume to Bettie Thompson by 7/13.

REGISTRAR (P2409) Summer Session

Design, execute & oversee registration procedures for summer sessions & Extramural Study. Coordinate & oversee operations of Extramural as well as Continuing Education Information Service.

Req.: BS pref. Thorough knowl. of registration procedures as well as Bursar systems. Strong knowl. of CU structure. Knowl. of computer applications. Some acctg. exp. helpful. Skill in designing & overseeing systems & procedures for various types of registration. Send cover letter & resume to Cynthia Smithbower by 7/17.

FARM MANAGER (PT2415) Agronomy

Manage 3 exp. research farms utilized by faculty, staff & students. Supv. approx. 8 staff members supporting field research/extension activities. Assist in budget planning for farms; organize efficient use of resources, coord. with other campus farming operations.

Req.: BS in Agronomy or related field with exp. as a farm mgr. or equiv. exp. MS pref. Send cover letter & resume to Judi Pulkinen by 7/17.

RESEARCH SUPPORT SPECIALIST I (PT2412) Nutritional Sciences

Work with Indonesian counterparts to plan & carry out research activities. Emphasis on trng. host country nationals in conducting research & interpreting results to facilitate implementation of an early warning system nationwide.

Req.: MS in Ag. Econ. or closely related discipline with strong quantitative & analytical skills; completion of most or all course work for Ph.D. Previous work exp. in Indonesia & ability to communicate in Indonesian language pref. Send cover letter & resume to Judi Pulkinen by 7/17.

ADMINISTRATIVE SUPERVISOR I (PG2401) Support Services

Provide supervision & coordination of all shipping/receiving activities at Print Shop; assist Production Coordinator in scheduling & assignment of job flow. Administer operation of 6 quick copy ctrs. & coordinate work flow.

Req.: Busn. Mgmt. degree or graphics related field pref. 2 yrs. exp. in graphic arts or shipping helpful. 2 yrs. supervisory exp. in unionized setting pref. Proven org., leadership & interper. skills req. NYS drivers license req. Send cover letter & resume to J. Courtney Fletcher.

PROJECT REVIEW COORDINATOR (P2413) Architectural Services

Assist the Dir. & Project Managers by coordinating flow of essential project data including technical review of construction projects by Facilities Engineering & related departments of the Univ.

Req.: AAS in building technology or office management or equiv. desir. Drafting skills, ability to read construction documents, familiarity with computer use req. 2-5 yrs. exp. in construction related work desir. Send cover letter & resume to Cynthia Smithbower by 7/24.

RESEARCH SUPPORT SPECIALIST I (PT2402) Neurobiology & Behavior

Assist in electrophysiological studies of sensory processing in auditory nervous system & behavioral studies of animal sound communication. Duties incl.: surgical prep. of small vertebrates (primarily frogs, toads, lizards), fabrication of microelectrodes, recording & analysis of neuroelectric data.

Req.: BS plus exp. in neurobio., physiol., or bioengr. Familiar with variety of electronic instruments & computer analysis of electro physiological data & histological equip. Send cover letter & resume to Judi Pulkinen by 7/17.

SUPERINTENDENT, TECHNICAL SHOPS (PA2408) Maintenance & Service Operations

Manage Univ. Technical Shops, responsible for mgmt., training, methods, customer relations, enterprise budgeting for Controls, Electric, Plumbing & Refrigeration shops. Annual projects of approx. \$5 million.

Req.: BS in Mech. Engr. or Elec. Engr. 5 yrs. physical plant or related exp. Proven oral & written communications skills. Send cover letter & resume to Cynthia Smithbower by 7/24.

TECHNICAL CONSULTANT III (PT2404, PT2405) Theory Center

Support graphic applications running on Cornell's Nat'l. Supercomputer Facil. Develop software tools & support-services for nat'l. users of supercomputer graphics software & workstation hardware.

Req.: BS or equiv. ed. & exp. 3-5 yrs. related exp. Strong comm., interper., org. & planning skills. Detailed knowl. of mainframe operating environ. req. Extensive exp. with graphics hardware & software req. Able to develop graphics programs on mainframe or microcomputers. Send cover letter & resume to Judi Pulkinen by 7/17.

SYSTEMS PROGRAMMER III (PT2406, PT2407) Theory Center

Resp. for analysis of scientific codes for researchers using the CNSF, incorporate parallel processing, vectorization, numerical methods, & other computational techniques.

Req.: BA or equiv. 3-5 yrs. programming exp. Demonstrated ability to work in a scientific or large-scale computing environment. IBM VM/CMS & Fortran exp. desir. Send cover letter & resume to Judi Pulkinen by 7/17.

MANAGEMENT ACCOUNTANT (PC121) Dining Services-repost

Maintain & supervise centralized finan. accts. & reporting systems for dept.-a Univ. enterprise service org.

Req.: BA in busn. or acctg. & 3-5 yrs. related exp. or equiv. combination of ed. & exp. Cert. mgmt. acctg. (CMA) ideal. Exc. org., comm., & supv. skills. Send cover letter & resume to Esther Smith by 7/13.

STAFF WRITER II (PC2316) Media Services

Talented writer with excellent marketing skills to produce copy for wide variety of print needs. Projects incl. feature stories, development & recruitment pieces, exhibit & promotional copy, consumer bulletins & reports.

Req.: BA or equiv. & 3 yrs. prof. writing exp. Must be able to interpret scientific information for lay audiences quickly & with flair. Send cover letter, resume & 3 published writing samples that demonstrate diversity by 7/27 to Ellen Bonn, Media Services, 1152 Comstock Hall, Cornell University, Ithaca, NY 14853-0998.

BUSINESS MANAGER (PA2311) Unions & Activities

Resp. for preparation of annual budget, quarterly & other related reports; A/R & A/P; payroll; personnel; contract negotiations & computerization.

Req.: BS in busn. admin./acctg. nec. MBA pref. Exc. comm. & interper. skills req. Flexibility, accuracy & org. ability essential. Send cover letter & resume to Cynthia Smithbower by 7/17.

SENIOR STAFF WRITER (PC2310) University Relations-News Service

Prepare newsworthy articles on Cornell. Higher ed. & research policy issues for nat'l. & local news media, plus CU publication & maintain contact with key ed. journalist.

Req.: BA, MA in journalism pref. Must write clearly & concisely in journalist style. Able to work closely with Sr. Admin. officials. Familiar with higher ed. in general, & specifically with internal operations of research univ. & with ed. media & with op-ed writing desir. Send cover letter & resume to Barry Gross, Village Greene, 840 Hanshaw Road, Ithaca by 7/17.

DIRECTOR, MAINTENANCE RESOURCES (PA1511) Maintenance Management-repost

Direct all Endowed & Statutory main. funds for bldgs., grounds, & cust. care. Control allocations of approx. \$14 million per yr. Plan, coord., sched., & control maint. for approx. \$7 million sq. ft. of academic/research space. Manage 2 superint. resp. for approx. 300 represented grounds & custodial workers.

Req.: BS req., Engr. or Arch. pref. or extensive equiv. exp. in maintenance field may be substituted for tech. degrees. Considerable exp. in maint. or construction field. Demonstrated comm. skills, incl. written & oral presentations. Ability to manage multiple projects & large staff. Send cover letter & resume to Cynthia Smithbower by 7/17.

PROJECT COORDINATOR (P2222) Center for Religion, Ethics & Social Policy

Plan & implement activities of the Committee on U.S./Latin American Relations (CUSLAR); organize cultural & ed. events & fundraising efforts; extensive coord. of volunteers.

Req.: Working knowl. of English & Spanish; demonstrated skills in working in groups; fundraising; & public relations knowl. of Latin Am. politics & culture. Send cover letter & resume to Mary Jo Dudley, G29 Anabel Taylor Hall by 6/26.

MANAGER, DIRECT MAIL (PC153) University Press

Responsible for planning & carrying out seasonal direct mail campaigns for 150 books/yr. Draw up proposals; conduct list research; order lists; write copy; oversee work of designers, typesetters, printers & mailing houses; keep accts. & records; analyze returns, assist with prep., editing, & proofreading of 2 seasonal catalogs/yr. & with dust jackets, press releases & sales letters.

Req.: BA or equiv. Min. 3 yrs. in publishing pref. Writing exp. nec. Exp. in marketing desir. Send cover letter, resume & writing samples to Esther Smith.

GRAPHICS CONSULTANT (PT318, PT1115) Theory Center-repost

Support graphics applications running on high-level workstations networked to Cornell Natl. Supercomputer Facil. (CNSF). Develop software tools & support svcs. for nat'l. users of supercomputer graphics software & workstation hardware. Work closely with tech. staff of Theory Center & Cornell Computer Svcs.

Req.: BS or equiv. combination of exp. & ed. with coursework in computing or related field. 3-5 yrs. related exp.; extensive exp. with graphics workstation hardware & software req. Detailed knowl. of mainframe operation environ. req. Able to develop graphics programs on mainframes or graphics workstations in coord. with other skilled tech. staff. Req. Able to work with resource staff both within & external to CNSF group. Strong comm. skills. Send cover letter & resume to Judi Pulkinen.

TECHNICAL CONSULTANT III (PT1110, PT1111, PT1112, PT1117) Theory Center-repost

Provide full range of consulting svcs. to researchers using Cornell Natl. Supercomputer Facil.

Req.: BS plus grad. study in comp. sci. or phys./bio./engr. sci. 3-5 yrs. related exp. Exp. with mainframe computers essential, with VM/CMS & array processors desir. Fluency in at least 2 programming languages. Demonstrated ability to work with complicated programs. Strong written, interper. & comm. skills. Send cover letter & resume to Judi Pulkinen.

TECHNICAL ADVISOR (PT137) Theory Center-repost

Advise Theory Ctr. personnel & remote users of Center facilities on network planning, implementation & use. Participate in research, development & prototype projects.

Req.: BS with knowl. of at least 1 scientific discipline desir. Min. 5 yrs. concentrated exp. with computer networks, esp. local area networks. Knowl. of how wider-area TCP/IP networks behave in actual use. Extensive knowl. of TCP/IP protocol family & how it can be implemented in a variety of situations. Strong knowl. of ISO protocols & standards. Awareness of current developments with these protocol families. Send cover letter & resume to Judi Pulkinen.

GRAPHICS CONSULTANT III (PT3811) Theory Center-repost

Support graphics applications. Develop software tools & support services for nat'l. users of supercomputer graphics software & workstation hardware.

Req.: BS or equiv. combination of ed. & exp. 3-5 yrs. related exp. Graphics programming exp. req., pref. in a mainframe environ. Exp. with VM/CMS, FORTRAN-based graphics. Exc. comm., interper., org. & planning skills. Send cover letter & resume to Judi Pulkinen.

Clerical

REGULAR EMPLOYEES Submit an employee transfer application, resume & cover letter.

Career counseling interviews are available by appt. EXTERNAL APPLICANTS Submit an employment application & resume. Interviews are conducted Wed. from 1-6pm at Staffing Services, East Hill Plaza by appt. Contact Esther Smith (255-6878) or Lauren Worsell (255-7044).

OFFICE ASST., GR17 (C2505, C2507) Undergraduate Admissions

Process applications to undergrad. divisions. Handle all admissions inquiries, applications, missing records, etc. for specific section of alphabet. 2 positions. One 10 months & one 12 months.

Req.: H.S. dip. or equiv. Med. typing. Good clerical & org. skills. Able to deal efficiently & accurately with a high volume of material in a short period of time & working with an on-line computer system essential.

Minimum Biweekly Salary: \$421.81

SECRETARY, GR18 (C2511) Ecosystems Research Ctr.

Provide WP/sec. support to Director, 2 Assoc. Directors, & staff of Ecosystems Research

Ctr. WP will constitute largest percentage of time. Answer phone; file; order office supplies; duplicate materials. Other projects as assigned.

Req.: H.S. dip. or equiv. Busn. or sec. school desir. Heavy typing. Prior WP exp. nec. Exp. with Apple Mac PC & Microsoft Word software desir. Accuracy in typing, good spelling & grammatical skills essential.

Minimum Biweekly Salary: \$444.37

SECRETARY, GR18 (C2512) Restricted Fund Accounting

Provide sec. clerical support. Answer phones; type; sort & distribute mail; file. Other duties as assigned.

Req.: H.S. dip. or equiv. Busn. or sec. school desir. Exp. with IBM-PC & Symphony. Able to set priorities & work in a complex, active environ. Strong interper. skills. Heavy typing.

Minimum Biweekly Salary: \$444.37

ACCOUNTS ASST., GR18 (C2504, C2503, C2502, C2501 4 positions) Dining Services

Maintain financial personal records for unit. Handle daily cash sheets, cash, etc. Act as receipt; answer phones; make appts.; handle customer inquiries. Other duties as assigned.

Req.: H.S. dip. or equiv. Busn. school desir. Min. 1-2 yrs. exp. Knowl. of WP & PC's pref. Exc. org., interper. & comm. skills. Lt. typing.

Minimum Biweekly Salary: \$444.37

OFFICE ASST., GR18 (C2509) University Relations-News Service

Assist with production of news releases; serve as receptionist; provide clerical & research support for editors & writers.

Req.: H.S. dip. or equiv. Busn. or sec. school pref. Min. 1 yr. off. exp., pref. at Cornell. Good org. skills & exp. in dealing with people. Familiar with PC & highly accurate typing skills desir.

Minimum Biweekly Salary: \$444.37

RECEPTIONIST/RECORDS ASST., GR19 (C2514) Graduate School

Entries on CRT; process forms related to grad. student records; answer phone & walk-in inquiries from students, faculty & other offices; assist in course enrollment & at receipt desk; handle out & receive forms; read & code application letters.

Req.: AAS or equiv. Knowl. of college structure desir. Filing skills. Able to work/org. independently. Comm. skills important. CRT exp. desir. but not nec.

Minimum Biweekly Salary: \$470.80

OFFICE ASST., GR19 (C2513) Graduate School

Provide clerical support & perform majority of record keeping functions for busy office. Identify & resolve violations of Grad. School policy of grad. student employment; disburse grad. student checks & maintain records; responsible for 2 accts. & asst. on Lotus 1 2 3; act as off. receipt; handle routine questions, corresp. & phone inquiries.

Req.: H.S. dip. or equiv. AAS desir. Med. typing. Proficient use of IBM PC & Wordperfect. Strong interper. & comm. skills. Knowl. of Lotus 1 2 3. Understanding of student financial system helpful. Exc. org. skills. Some CRT input exp.

Minimum Biweekly Salary: \$470.80

ADMINISTRATIVE AIDE, GR20 (C2508) National Astronomy & Ionosphere Center

Provide admin. & sec. assist. to NAIC, Research Park Facility. Purchase electronic components; maintain acct. system for several projects; prepare tech. publications, reports, operational manuals & proposals. Type letters, forms, requisitions, etc.; make travel arrangements; maintain files; & libr.

Req.: AAS or equiv. Min. 1-3 yrs. sec. exp. Exc. typing. incl. tech. knowl. of microcomputer applications essential. Able to use tech. software e.g., Wordperfect, Britscientek. Knowl. of CU endowed acct. system pref. Exc. org., interper. & comm. (written & oral) skills. Able to set priorities & work in a complex, active environment. Confidentiality essential.

Minimum Biweekly Salary: \$496.80

SECRETARY, GR20 (C2414) VP, Research & Advanced Studies

Provide sec./admin. support to the VP & Exec. Staff Asst. Type heavy volume of corresp. & tech. reports. Proof edit compose letters; resp. for outgoing mail, filing system, VP's travel, screening calls; daily schedule; reception of visitors; supplies. Other duties as assigned.

Req.: AAS or equiv. Min. 2-4 yrs. sec. exp. Proficient with WP & PC's essential. Exc. org., interper. & comm. (written & oral) skills. Able to set priorities & work in a complex, active environ. Heavy typing. Knowl. of CU policies & procedures pref. Accuracy & attention to detail. Able to meet deadlines. Confidentiality a must.

Minimum Biweekly Salary: \$496.80

General Service

REGULAR EMPLOYEES Submit an employee transfer application to Staffing Services, East Hill Plaza. EXTERNAL APPLICANTS: Employment applications are available at Staffing Services, East Hill Plaza 9-noon, Mon.-Thurs.

FOOD SERVICE WORKER, SO14 (G2508 4 positions) Dining-Endowed

Set-up, display & serve food or beverage. Check Co-op dining cards for validity & make sale transactions by cash or credit card. Shift subject to change.

Req.: H.S. dip. or equiv. Basic reading & computational skills req. Knowl. of food prep. & presentation pref. Good customer relation skills.

Minimum Hourly Rate: \$4.66

CASHIER, GR15 (G2525 4 positions) Dining-Endowed

Transact cash & credit sales; tabulate daily figures & prepare deposits.

Req.: H.S. dip. or equiv. 1-2 yrs. related exp. Basic reading & computational skills. Good interper. & comm. skills req.

Minimum Biweekly Salary: \$371.48

DISH MACHINE OPERATOR, SO16 (G2519 5 positions) Dining-Endowed

Wash dishes, utensils, pots & pans. Stock assigned areas. Shift subject to change.

Req.: H.S. dip. or equiv. Able to learn proper use of dishwashing equip. & cleaning agents. Able to lift 35 lbs.

Minimum hourly rate: \$5.13

HEAD CUSTODIAN, SO17 (G2528) Building Care-Statutory

Responsible for routine cleaning of assigned campus buildings; oversee the work of 4-6 other custodians assigned to area. Mon.-Thurs. 6 a.m. - 2:30 p.m.; Fri., 6 a.m. - 1:30 p.m.

Req.: H.S. dip. or equiv. Min. 1 yr. exp. in custodial maintenance. Exc. interper. & org. skills. Able to perform inventory accounting & purchasing duties. Able to operate heavy power equip., lift 50 lbs. & climb 8 ft. ladder.

Minimum hourly rate: \$5.42

PRINT ASSISTANT, SO17 (G2530) Media Services-Statutory

Operate power paper cutter, automated collating equip. & other paper handling devices.

Req.: H.S. dip. or equiv. Vocational training in printing pref. Exp. & proven mechanical ability in print shop or bindery req. Able to lift 50 lbs.

Minimum hourly wage: \$5.42

DISPATCHER II, SO18 (G2526) M&SO Customer Service-Endowed

Serve as primary communication link between campus community & M&SO for maintenance requests. Issue job tickets utilizing mainframe terminal. Dispatch tradespersons & assistants via radio comm. system. Mon.-Fri., 7:30 a.m. - 4:00 p.m., shift subject to change.

Req.: H.S. dip. or equiv. Med. typing. Exc. interper. & phone skills. Able to work under pressure with careful attention to details. Exp. with computers & radio comm. helpful. Training or exp. in public relations, sales or service pref.

Minimum hourly rate: \$5.71

DELIVERY DRIVER, SO18 (G2521) Dining-Endowed

Transport food, mail & equip. Conduct routine maintenance of delivery vehicle(s). Shift subject to change.

Req.: H.S. dip. or equiv. NYS driver's license req. Able to drive both standard & automatic transmission trucks up to 22 ft. long. Able to lift 75 lbs. Knowl. of CU campus helpful.

Minimum hourly wage: \$5.71</

Vice President Matyas to resign post

Robert M. Matyas, the vice president for facilities and business operations, plans to leave the university after 13 years in that job and more than 26 years with Cornell.

Matyas, 60, said in a letter to President Frank H.T. Rhodes that he looks forward "to the freedom to devote more time to" consulting work and asserted that incoming university executives "need the freedom and flexibility to adjust the management team to deal with the next set of opportunities and challenges that lies ahead."

He also said in the letter that he will remain on the job until a replacement is found. And, at the request of new Senior Vice President James E. Morley, Matyas has agreed to perform consulting work for the university through 1990.

In responding to the letter, Rhodes said he was "especially pleased and grateful" that Matyas would continue to serve the university, asserting that he has "played a unique and critically important role in Cornell's development as one of the nation's leading research universities."

He also cited his sense of indebtedness for Matyas' "advice and counsel and leadership" and said that Matyas has "set a level of commitment and a standard of integrity that have been admired by all."

Matyas' tenure spanned a period of

extensive expansion and renovation involving more than 50 structures on and off the Cornell campus and close to \$1 billion, Matyas said.

This included work at the Cornell Medical Center in New York City and major additions to Statler Hall, the conversion of the Arecibo facility from atmospheric research to deep space exploration with the radio telescope, and construction of Uris Hall, the Johnson Museum of Art, the Campus Store, Noyes Center and the North Campus complex.

He noted in his letter that he had considered stepping down a few years ago, but that Rhodes and Cornell Senior Vice President William G. Herbster had persuaded him to stay on "to complete the major renovation and reconstruction of our existing facilities and to help plan and design the campus of the 1990s and beyond."

During an interview after he announced his plans, Matyas stressed that his job involved much more than construction. He said he is proud of his division's work in "bringing the university into the modern world of telecommunications," an investment of \$18 million.

He also cited the upgrading of Cornell's utilities infrastructure, including the chilled-water facility, the \$6 million electricity and

steam cogeneration plant, the hydroelectric plant in Fall Creek Gorge and overall energy conservation.

Because of his experience, Matyas had been tapped for many consulting assignments in recent years. Among them were working for the National Science Foundation and helping with the development of what is slated to become the world's largest device for accelerating subatomic particles, the Superconducting Super Collider.

Matyas received the baccalaureate architecture degree from Cornell in 1952. His first full-time job at Cornell was as synchrotron engineer from 1951 to 1953.

Then his employment at the university was interrupted by 11 years of service as a supervising engineer and contracts supervisor at the Bettis Atomic Power Laboratory in Pittsburgh from 1954 to 1965.

He returned to Cornell in 1965 to become director of operations for the Laboratory of Nuclear Studies and supervised building of the Wilson Synchrotron before becoming executive officer for the Laboratory of Nuclear Studies in 1967 and director of the university's Department of Construction the following year. He assumed his present post in 1974.

— Barry Gross

Trustee committee allows bigger building budgets

The Cornell Board of Trustees' executive committee has approved higher construction budgets for expansion and renovation projects at Statler Hall and the Statler Hotel & Conference Center on campus and at the Lasdon Biomedical Research Center at the Cornell University Medical College in New York City. The committee also has approved doubling to eight the number of floors in the new Theory Center building on campus.

At a meeting in New York City on June 25, the committee accepted revised budgets of \$39 million for the Statler project, up \$13.2 million; \$29 million for the Theory Center building, up \$9.5 million; and \$48.2 million for the Lasdon Center, up \$3.2 million.

The Statler Hotel & Conference Center is scheduled to reopen in 1988, with 150 rooms in nine stories. Those facilities and Statler Hall are the home of the School of Hotel Administration.

The additional costs were created by design changes, including a conference or study room on each of the top four floors of the Hotel & Conference Center, the expansion of some rooms into larger hospitality suites, the use of card-activated locks on guests' rooms and a revised facade.

Those changes require more electrical, plumbing, exhaust system and other work, said Robert M. Matyas, vice president for facilities and business operations.

Previous plans for a home for Cornell's national supercomputing center, the Theory Center, called for a four-story building and a \$19.5 million budget. The new proposal was made possible by a preliminary commitment of \$10 million from a donor.

Matyas attributed the increased costs for the Lasdon Center to design changes, compliance with recently changed local laws and repairs to adjacent buildings due to construction.

Sources of funding for the increased budgets will include donations and borrowing, Matyas said.

King Continued from page 1

tions." First, centralized computing — with one or two machines serving entire campuses — was supplemented by small-but-powerful minicomputers in separate departments and laboratories. Then came the microcomputer revolution, with personal computers on nearly every desk and laboratory bench.

At the same time, the truly big computers were becoming more powerful and more useful for scientific calculations and simulations. King was one of three principal investigators in Cornell's Center for Theory and Simulation in Science and Engineering, the \$16.2-million-a-year national supercomputer program supported by the federal government and industry.

King holds a bachelor's degree in physics (1951) from Reed College and a Ph.D. in theoretical physics (1962) from Columbia University. He conducted research for International Business Machines Corp. from 1957 to 1962, when he became director of the Columbia University Computing Center and associate professor of electrical engineering.

From 1976 to 1978, King helped New York City recover from financial ruin as director of the Office of Computer Plans and Controls and as deputy director of operations, both in the Office of the Mayor. He developed and implemented computing plans for the city and helped institute management reforms.

It was while working toward his doctorate in physics that he became involved in an IBM effort to build what was then the fastest computer in the world. Computing — which King calls "a colossal vacuum cleaner" because it attracts people from many different disciplines — snared the young physicist and kept him for the next 25 years.

"Computing is exciting, because it offers a window into every other discipline," King said. "Continued development in computer capabilities is essential to higher education, and to our nation's future."

— Mark Eyerly

Job Opportunities

adjustment & repair of equip. Mon.-Fri., 8 a.m. 4:30 p.m.

Req.: H.S. dip. or equiv.; 1 yr. post secondary formal training in graphic arts pref. 2 yrs. exp. in graphic arts production facility with extensive hands-on exp. with offset printing presses. Minimum hourly rate: \$7.49

BINDERY/PRINT MACHINE OPERATOR. SO23 (G2414) Support Services-Endowed

Operate variety of bindery & print equip. Perform routine cleaning, adjustment & repair of equip. Mon.-Fri., 8 a.m. 4:30 p.m.

Req.: H.S. dip. or equiv. 2 yrs. commercial bindery exp. req. Exp. operating Baum Folders & large computerized cutters pref. Able to lift 75 lbs.

Minimum hourly rate: \$7.49

Technical

REGULAR EMPLOYEES: Submit an employee transfer application, resume & cover letter. **EXTERNAL APPLICANTS:** Submit an employment application, resume, & a list of laboratory techniques, equipment, or computer languages/hardware with which you are familiar. Submit a cover letter for each position for which you apply, (specify title, dept. & job number) to Judi Pulkinen, 160 Day Hall. Interviews are conducted the first Thursday of each month from 1:30 4:30 p.m. at Staffing Services, East Hill Plaza. The following backgrounds are highly desired: biochem., chem., microbio., elect., physics, lic. animal health tech. No appt. is necessary, however a brief wait may be required.

TECHNICIAN, GR19 (T2503) Entomology

Direct development of genetic strain of black flies that are highly susceptible to parasitization by filarial worms. Until 6/30/89.

Req.: BS in bio. sci. or equiv. 1-2 yrs. exp. in bio. research. Extensive lab. trng. in insect & parasite culture; & in genetic selection techniques. Send cover letter & resume to Judi Pulkinen by 7/17.

RESEARCH AIDE, GR19 (T2501) HDFs/Family Life Development Ctr.

Manage course info. in human svcs. area. Data input, software mgmt., maintenance for evaluation computer system, direct communication with state & county officials.

Req.: AAS or equiv. exp. 2-3 yrs. exp. Exc. comm., interper. & math skills. Exp. on PC's, pref. Macintosh.

Minimum Biweekly Salary: \$470.80

TECHNICIAN, GR20 (T2506) Veterinary Pathology

Prepare slides for microscopic examination to include embedding & cutting of tissue, routine & special staining of slides.

Req.: AAS or equiv. in Histology HT (ASCP) cert. pref. Some exp. in a Histology lab. Knowl. of some special staining techniques. Must be proficient in use of microtome. Send cover letter

& resume to Judi Pulkinen by 7/24. Minimum Biweekly Salary: \$496.80

TECHNICIAN, GR21 (T134) Plant Breeding & Biometry-repost

Execute various protocols used in molecular bio. research; data analysis; manage lab (order supplies, etc.); prepare various buffers & media; supv. undergrad. students working in lab; help train new grad. students.

Req.: BS pref. in bio., molecular bio., biochem. or related area or equiv. exp. Related lab exp. desir. Send cover letter & resume to by 7/24.

Minimum Biweekly Salary: \$527.69

COMPUTER OPERATOR, GR21 24 (T2507, T2508) Computer Services

Operate large scale computer systems, assoc. peripheral equip. & monitor data communications networks. Consult with vendor customer engineers & dept. support staff. Shift & weekend work req.

Req.: AAS or equiv. combination of ed. & exp. in large data processing facilities. Computer operating exp. req., data comm. exp. helpful. Knowl. of computer hardware, software, operating systems & programming languages. Send cover letter & resume to Judi Pulkinen by 7/24. Minimum Biweekly Salary: \$527.69

TECHNICIAN, GR22 (T2505) Equine Drug Testing

Perform lab analysis under direction of Sr. Chemist. Analysis incl. routine operation & maintenance of HPLC, thin layer chromatography equip. & drug extraction from blood, urine & assoc. techniques.

Req.: AAS or equiv. nec. BS pref. Send cover letter & resume to Steve Hopkins, Equine Drug Testing, 925 Warren Road, Ithaca by 7/17.

Minimum Biweekly Salary: \$556.12

Part-Time

ANIMAL TECHNICIAN (G2104) Lab Animal Services

Provide weekend, holiday & substitute care of lab animals. Care, feed, water, exercise animals. Clean & maintain cages, pens & facilities.

Req.: H.S. dip. or equiv. Some animal handling exp. desired. Able to lift 100 lbs. Apply at the East Hill Plaza Staffing Services, M-Th, 9-12 noon.

FOOD SERVICE WORKER, SO14 (G2512 5 positions) Dining-Endowed

Set-up, display & serve food or beverage. Check Co-op dining cards for validity & make sale transactions by cash or credit card. 20 hrs./wk.; shift subject to change.

Req.: H.S. dip. or equiv. Basic reading & computation skills req. Knowl. of food prep. & presentation pref. Good customer relation skills. Minimum Hourly Rate: \$4.66

FOOD SERVICE WORKER, SO16 (G2501) Dining-Endowed

Prepare, present & serve food items for Co-op, cash, catering or special events. Part-time, shift subject to change.

Req.: H.S. dip. or equiv. 1 yr. related exp. Working knowl. of food preparation & presentation. Able to operate choppers, slicers, mixers, ovens, steam kettles, pressure steamers & various hand tools. Good customer relation skills. Apply at the East Hill Plaza Staffing Office, M-Th, 9 a.m.-noon.

Minimum Hourly Rate: \$5.14

TELEPHONE RECEPTIONIST, GR17 (C2506) Undergrad Admissions

Primary responsibilities are to serve as switchboard operator & support data entry activities. Back up support for Hosting Coord./Sec.; greet visitors & answer phones; maintain records pertaining to daily admissions conferences. This would be a job share. One person would work 8 a.m.-noon, the other would work noon 4:30 p.m.

Req.: H.S. dip. or equiv. Switchboard exp. a plus. Lt. typing.

Minimum full-time equivalent: \$421.81

SECRETARY, GR17 (C2407) NYSSILR-PHRS

Provide sec. support to Dir. of Ctr. for Advanced Study of Human Resource Mgmt. Type & edit corresp., reports & other materials; transcribe machine dictation; arrange mtgs., appts. & travel; coord. calendar; answer phone; establish & maintain files. Other duties as assigned. 20 hrs. per wk.

Req.: H.S. dip. or equiv. Busn. or sec. school desir. Min. 1-2 yrs. related exp. Med. typing. Able to transcribe machine dictation. PC exp. Exc. comm., org. & interper. skills essential.

Minimum full-time equivalent: \$421.81

NIGHT SUPERVISOR, GR18 (C2412) Circ./Reserve-Engineering Library

Under general supervision of Circ./Reserve Supv., oversee all circ./reserve activities during eve. hrs. Supervise student assistant staff; provides non-reference info. asst. & responsible for closing bldg. Evening hrs., 20 hrs. per wk.

Req.: BA or equiv. Lt. typing. Strong public services orientation & org. skills. Previous supervisory & lib. exp. highly desir.

Minimum full-time equivalent: \$444.37

SECRETARY, GR18 (C2409) Intl. Population Program

Provide sec./lib. support. Type corresp., manuscripts/reports (incl. tables); answer phones; arrange mtgs.; proofread; copy; file; mail. Respond to libr. related corresp.; order books, periodicals & journals; process new acquisitions; prepare books for binding. Other duties as assigned. Mon.-Fri., 20-30 hrs. per wk.

Req.: H.S. dip. or equiv. Min. 2-3 yrs. sec. exp. Heavy typing. Knowl. of WP req. Strong typing skills. Proofreading manuscripts exp. helpful. Good phone skills. Accuracy important. Familiar with Macintosh helpful.

Minimum full-time equivalent: \$444.37

ASSISTANT COOK, SO20 (G2514,G2515 2 positions) Dining-Endowed

Under general supervision, prepare & present

a full variety of foods, as assigned, through own efforts & through supervision of staff. Part-time, shift subject to change.

Req.: H.S. dip. or equiv. 1-2 yrs. exp. in food preparation; knowl. of food cooking processes (grilling, frying, roasting, steaming) in an institutional environ. pref. Skilled in presenting & garnishing food. Working knowl. of use & maintenance of charbroilers, steam jacket kettles, pressure steamers, ovens, slicers, mixers, choppers & various hand tools. Apply at East Hill Plaza Staffing Office, M-Th, 9 a.m.-noon.

Minimum hourly rate: \$6.34

Temporary

Experienced & skilled individuals specifically interested in temporary clerical/secretarial work can contact Lauren Worsell (255 7044).

TECHNICIAN, GR18 (T2502) Section of Plant Biology

Perform experimental work using electrophysiology & membrane biochem. techniques; resp. for lab maint. & care of experimental plants. Until 2/28/88.

Req.: BS bio. or equiv. exp., coursework in biochem. & plant bio. pref. Send cover letter & resume to Judi Pulkinen by 7/17.

Minimum Biweekly Salary: \$444.37

SECRETARY (C2407) Hotel Administration

Provide data processing & clerical support to Dir. of Alumni Affairs & admin. aide. Update alumni base, run reports, labels as requested, etc.; responsible for depositing membership dues & keeping ledgers balanced & organized; assist with alumni mailings; screen phone calls; arrange appts.; file; copy, etc. Mon.-Fri. 8 4:30 until 1/14/88.

Req.: H.S. dip. or equiv. Med. typing. Knowl. of CRT & WP. Good interper., comm. (written & oral) skills. Accuracy & attention to detail. Meet deadlines. Confidentiality a must. Able to set priorities & work in a complex, active environment. Call Laurie Worsell at 255-7044.

OFFICE ASST. (C2413) Natural Resources

Provide support for Extension Staff in DNR by acting as receptionist; answer phones; photocopy; act as courier; process mail; handle publ. requests; type routine corresp.; file. Other duties as assigned. Mon.-Fri. 8 4:30. Until 1/88.

Req.: H.S. dip. or equiv. Med. typing. Knowl. of WP; IBM PC with WordPerfect desir. Exc. phone technique. Able to set priorities & work in a complex, active environ. Able to work independ. Call Laurie Worsell at 255-7044.

COLLECTIONS REPRESENTATIVE (C2305) Controller's/Accounting

Telephone & written collection of past due receivables. Process & file all records pertaining to collection of past due receivables. Mon.-Thurs. noon 8 p.m., Fri. 8:00-4:30 p.m.

Req.: H.S. dip. or equiv. Lt. typing. Collection exp. pref. Exc. phone & written comm. skills a must. Exp. with IBM PC computer system essential. Call Laurie Worsell at 255 7044.

SECRETARY (C2307) Language House Program

Type corresp., reports & agendas; answer phone; process applications for positions in Language House; process expenditures. 10 hrs. per week.

Req.: AAS or equiv. in secretarial sci. Med. typing. Strong org., comm. & sec. skills. Able to set priorities & work in a complex, active environ. Call Laurie Worsell at 255 7044.

PHOTOCOPY ASST. (C099) Olin Lib. Admin. Oper.-repost

Provide coverage for operations of Photocopy Services; supply minor maint. for CUL photocopyers & related equip.; answer calls for service; make approp. log entries & ensure proper responses to requests for services; supv. students. Evenings & weekend hrs.; part-time.

Req.: H.S. dip. Work exp. pref. Willing to work with machines. Able to work courteously with patrons, staff & faculty.

RESEARCH SUPPORT SPECIALIST (PT2318) Human Ecology Administration

Provide database & statistical computing support for program planning & evaluation. Develop reports on student enrollments, credit hour production & faculty effort for college deans & committees. Conduct survey research on entering freshmen & alumni. 20-30 hrs. per wk. 8/1/87-1/31/88.

Req.: BS in behavioral sci. or stats. Exp. with microcomputers & mainframes. Exc. comm. & org. skills. Send cover letter & resume to Judi Pulkinen by 7/10.

Academic

RESEARCH ASSOC. IV (A2501) Applied & Engineering Physics

Send cover letter & resume to Prof. John Silcox, Applied & Engineering Physics, 210A Clark Hall, Cornell University, Ithaca, NY 14853.

SENIOR RESEARCH ASSOC. I (A2502) Veterinary Pathology

Send curriculum vitae & names of 3 references to Dr. Bendicht U. Pauli, Dept. of Pathology, NYS College of Veterinary Medicine, 14853-6401.

INSTRUCTOR OR LECTURER (A2503) City & Regional Planning

Send cover letter & resume to Prof. M.A. Tomlan, Chair, Fieldwork Search, 210 W. Sibley Hall, Cornell University, Ithaca, NY 14853 by 7/30.

Actors study Shakespeare with British troupe

Twenty-seven actors have just completed three weeks of intensive study at Cornell with faculty from the National Theatre of Great Britain in the first program of its kind offered in this country.

"There are no other programs of this scope and focus available to American actors by a British company in this country," said David Feldshuh, artistic director of Theatre Cornell. "Cornell is the only university in the States to have this kind of working relationship with a British theater."

The 16 women and 11 men in the program at Cornell were selected from among 130 who participated in auditions held throughout the United States in April and May. Program leaders had planned to accept as many as 40 students, but only 27 were selected in order "to work with students who were among the best," Feldshuh said.

Twelve of those chosen already work in the theater, while the other 15 are enrolled in undergraduate or graduate programs in drama.

For many, choosing to audition for the National's program at Cornell was not an easy decision. Or as Michael Dempsey, a senior at Ohio State University, put it, "I had a choice to spend this much money [on the program] or make it [working]."

"I had already said yes to an acting job when I found out about being accepted by the National," he explained. "But, with the caliber of the National Theatre and Cornell's reputation, I couldn't pass up this opportunity."

Once at Cornell, Dempsey and the other students spent more than 95 hours studying voice, Shakespearean sonnets, classical monologues and acting technique — all in a style unfamiliar to many of them.

"Most of us have worked in America where Shakespeare is often a process of ignoring the poetry and acting out imagery instead," student Chris Kliesen said. "We just slide over the words while indicating with our face and body what the words are saying."

Kliesen said that she and the others learned, instead, that the words should speak for themselves.

"I don't need to run my fingers through another actor's hair to show the audience my love for him," she asserted. "The emotion is in the words."

Instructor Clive Arindell described the acting approach in this way: "It's not a pro-



British acting teacher Clive Arindell teaches stage fighting technique to Karen Eterovich, left, and Sara Bell, students in a new drama program offered this summer in cooperation with the National Theatre of Great Britain.

cess of programming people with useful information, but taking away all the rubbish that they think about acting — the notions and ideas, desires, barriers — and going back to the position of creativity, which is a kind of nothingness."

"The major crime that American actors commit against Shakespeare is chopping it up," explained acting student Paul Beauvais. "The images that Shakespeare creates are multilayered. When the words are chopped, you may get each individual image, but you lose the total picture."

National Theatre teacher Michael Joyce

concentrated on the mechanics of the text such as thinking about the shape, size and energy of words and the construction of poetry. For example, students discussed in detail how Shakespeare wrote the ending to certain lines of text, why a particular word may have been chosen and how that word affected the overall meaning of the text.

"Shakespeare requires Olympian devotion, energy, commitment, physicality," Beauvais said. "When you leave the stage, you should be completely drained, emotionally and physically."

— James A. Mazza

Medical lectures will begin July 13

Lectures, music and theater performances and lunchtime seminars are among events enlivening the campus this summer.

"Update Your Medical Knowledge," a weeklong series of lectures by 10 members of the Cornell Medical College faculty, will lead off events for the week of July 13. The medical specialists will discuss the latest information on the prevention and treatment of illnesses and conditions.

Dr. Stephen S. Scheidt, a professor of clinical medicine, will speak on ways to reduce the risk of coronary disease. Dr. Darracott Vaughan, a professor of surgery and urology, will discuss major advances in diagnostic tests for impotence and a variety of new treatments.

Dr. Barry J. Hartman, an assistant professor of medicine, will give travelers advice on health care in developing nations. Dr. David B. Case, a clinical associate professor of medicine, will speak on high blood pressure and will clarify the link between hypertension and habits such as smoking and alcohol consumption.

Other lectures in this series are: "The Osteoporosis Menace (the Victim and the Defense)"; "Chemical Basis of Pleasure"; "New Technology in Diagnosis: Costs, Benefits, Side Effects"; "Asthma"; "Coping with Diarrhea and Constipation"; and "Not All Joint Pains Are Arthritis."

Two presentations will be offered each weekday at 1:30 p.m. and 2:10 p.m. in 245 Warren Hall. Check the Chronicle calendar for specific dates and times.

The Cornell Summer Lecture Series continues with presentations on Wednesday evenings beginning at 8:15 in Bailey Hall.

Each Tuesday, Jonathan B. Monroe, assistant professor of comparative literature, will lead a literature discussion called "Great Books," at 11:30 a.m. in 204 Uris Hall.

— James A. Mazza

Deviled eggs Continued from page 1

spices, and a yolk-sized helping is floated onto a pool of raw egg white, which has been placed in a plastic egg-shaped container.

When the egg white is cooked around the yolk, the result is a perfect deviled egg in a plastic holder that is also the final marketing package. The deviled egg will assume the configuration of the holder, which need not be, well, egg-shaped, Timmons explained.

"In fact, consumers might prefer something with a little fancier shape if they're going to invest in ready-made deviled eggs," he said. Already contemplated are star-shaped or feathered eggs.

Because the entire process is carried out at high temperatures and the product is untouched by human hands, the deviled eggs are sterile and need no preservatives, Timmons said. Also, their system allows the material to be pretreated, for example to remove cholesterol, before being cooked.

Taste tests showed no discernable difference between the hand-made and automatically deviled eggs, and economic analyses showed the eggs would have to be sold for about 25 cents apiece to be profitable, about the current price of hand-made commercial eggs.

A patent on the process has been applied for, and the prototype equipment has been leased to Egg Specialties of Interlaken, N.Y., where preproduction engineering is being performed.

However, the research is not yet over. Besides the question of shape, the engineers still wonder about the ideal size of a deviled egg.

"Do people still want a two-bite egg or, because of the possible mess, do they prefer an egg that can be downed in one bite?" Timmons asked. After all, nobody wants to end up with egg on their face.

Dennis Meredith

Salmonella among conference topics

Major issues and research affecting the poultry industry, including salmonella bacteria contamination, will be featured at this year's Cornell Poultry Conference July 21-22.

About 120 poultry farmers and industry leaders from throughout the Northeast are expected to attend, according to the conference chairman, Dan Cunningham, an associate professor of poultry science in the College of Agriculture and Life Sciences. The conference is jointly sponsored by the Department of Poultry and Avian Sciences and Cornell Cooperative Extension and will be held at the Ithaca Holiday Inn.

Robert C. Baker, a professor of food science and an expert on poultry products, will open the two-day conference on July 21 at 1:30 p.m. with a talk on the current status of the issues of salmonella contamination and food safety.

Other topics to follow will include:

- The pros and cons of vaccination to control mycoplasma (MG) disease, a poultry respiratory disorder causing reduced production and income.
- Current issues of animal welfare as they affect the poultry industry.
- A new lighting system called "Bio-Mitten" that calls for only 4.5 hours of lighting per day in poultry houses compared with an energy-saving 10-hour lighting system developed at Cornell.
- New York State's efforts to promote egg markets.
- A research report on the amounts of calcium and phosphorus required for pullets.
- State funds available for agricultural development.
- Economic analysis of the poultry business.

— Yong H. Kim

Biotechnology Continued from page 1

was the case with other industries."

Animal production — especially dairying and possibly pork production — will be affected first and most dramatically, and horticultural crops to a lesser degree, while the impact on most field crops will be slower and less dramatic, he said.

Bovine growth hormone

Economic dislocations from widespread use of bovine growth hormone (bGH) may be less traumatic than now feared, he added. "Bovine growth hormone will very likely prove to be an atypical biotechnology because of the rapidity of its adoption and the extent to which it leads to increased productivity and output."

Buttel went on to note that many researchers are skeptical that bGH will be adopted as rapidly or that milk production per cow will increase as much as has been projected.

Scientists have estimated that bGH treatment could increase cows' productivity by about 25 percent. The use of the natural as well as test-tube hormone was pioneered at Cornell. The hormone, produced through genetically engineered microorganisms, is expected to become available for commercial use within a year or two.

Arguments by critics of bGH technology that the hormone will result in the loss of 30 percent or more of U.S. dairy farmers do not necessarily mean that these farmers will all leave agriculture, Buttel contended.

"Many, in fact, are likely to take up alternative enterprises, such as beef, sheep, cash grains, vegetables and so on, rather than leave farming," he said.

He also asserted that animal growth hormones will decrease demand for grains because animals treated with the hormones use feed more efficiently.

— Yong H. Kim

UAW talks resume

Union and university negotiators were scheduled to meet July 9 for the first time since service and maintenance workers rejected Cornell's wage offer on June 30.

Although members of United Auto Workers Local 2300, which represents about 900 Cornell employees, also authorized the bargaining committee to set a strike deadline, it directed them to continue negotiations, according to Al Davidoff, president of the UAW local.

"We are assuming there is room for progress, and we will continue to explore ways to settle without a strike," Davidoff said.

Davidoff said more than two-thirds of the members voted to reject the university's latest wage offer. He declined to say how many union members attended the meeting, but described it as "an average turnout."

Peter Tufford, Cornell's chief negotiator, said the university "made what we considered to be a fair and reasonable offer" during the June 30 session "and we are disappointed that they turned it down." He added: "We are also disappointed to learn that only about 270 members voted on our wage offer."

The present three-year contract runs until June 30, 1988, but it provides for renegotiating wages at the end of the second year. Current wage talks started in February.

Davidoff said union members distributed about 8,000 fliers and 2,000 balloons during the July 1 fireworks evening at Schoellkopf Field and are preparing several hundred T-shirts to support their cause.

The leaflet called for "A fair wage for Cornell workers" and said that more than 200 of them earn less than the federal poverty level.

The university has said in response that the average wage paid to workers in the bargaining unit is \$7.15 per hour.

— Albert E. Kaff